

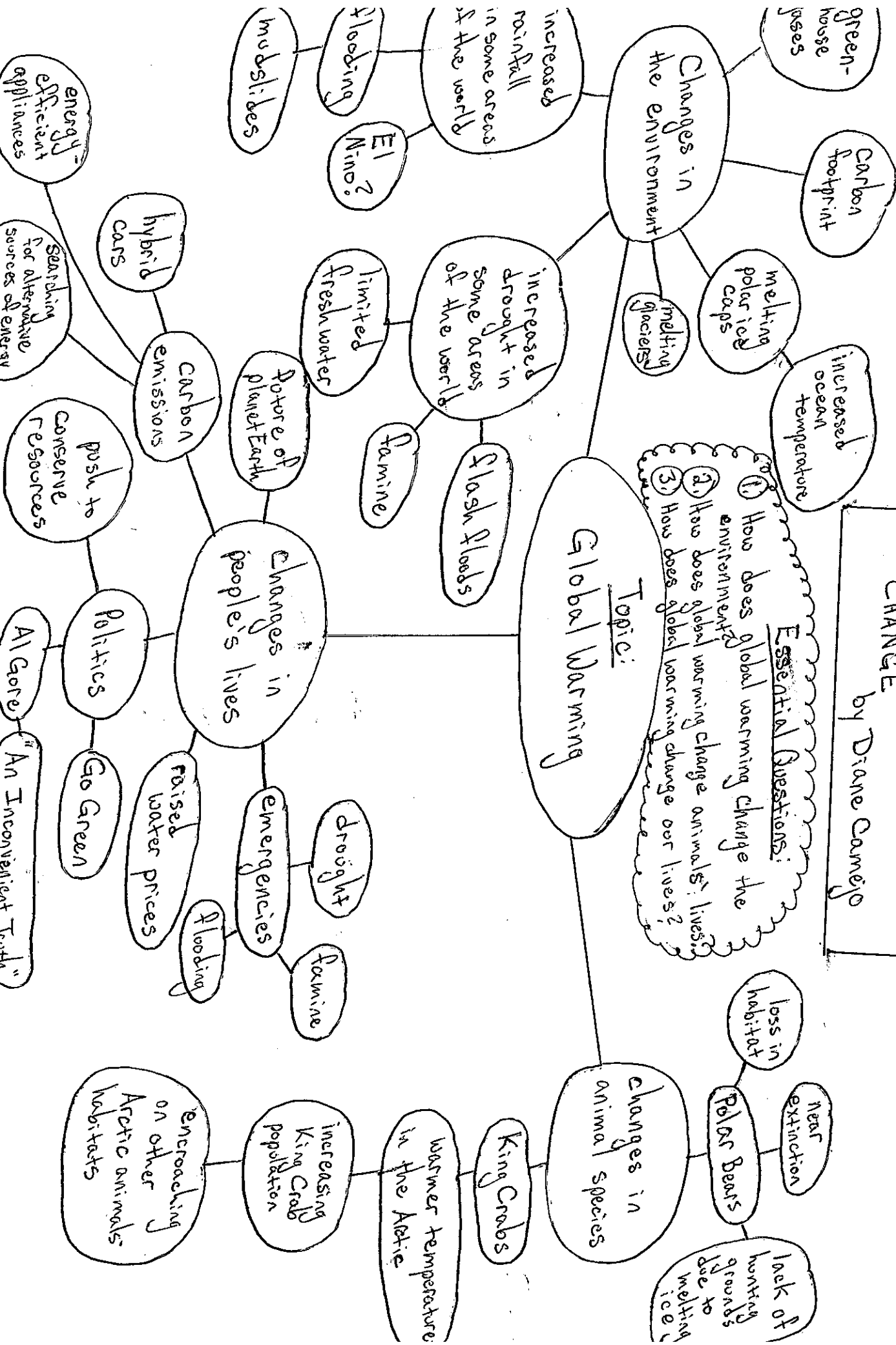
# Concept Map

Key Concept:  
CHANGE

by Diane Camejo

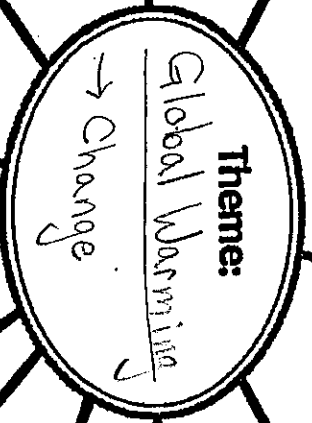
## Topic: Global Warming

Essential Questions:  
1. How does global warming change the environment?  
2. How does global warming change animals' lives?  
3. How does global warming change our lives?



Diane Camejo

# Planning Web



## Student Reading

- Non-Fiction Children's Book - "The Climate Crisis: An Introductory Guide to Climate Change" by David Archer and Stefan Rahmstorf
- Article - New York Times - "Global Warming"

## Teacher Read-Alouds (listening)

- "The Polar Bears' Home: A Story about Global Warming" by Lara Bergen

## Social Studies

- Make a timeline - key global warming events, conferences, politicians, legislative acts, energy resources
- WebQuest - "Global Warming Fact or Fiction" (advisors to the President)

## Science

- Lab Experiment - "The Greenhouse Effect in a Jar"
- YouTube video - "Greenhouse Effect: Climate Control and Global Warming"
- Interactive Website - "Join NASA's Earth Observatory Team"

## Oral Language

- discuss/debate the video "An Inconvenient Truth" (2006) Al Gore

## Written Language

- Creative Writing - describe the state of the world 20 years, 50 years, 100 years from now.

## Culminating Activity

- Choice of:
- write a speech to be given to world leaders at an environmental conference about the state of global warming
  - create a media presentation to encourage other citizens to get involved in the fight against global warming
  - create a class action plan -> things you can do to make a difference today

## Music

## Art

- Design a poster (endangered species or environmental movement)

## PE/Movement

- reenact the "Green House in a Jar" lab experiment - moving molecules, etc.

## Math

- Graph the decline of glaciers, rising ocean temps, decline of polar ice caps
- make a pie chart of the class finding of taken home survey - Carbon Footprint

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